



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

via UPS

NOV 04 2016

Dan Felix, EH&S Manager  
PPG Industries, Inc.  
440 College Park Drive  
Monroeville, PA 15146

Re: Request for Information Pursuant to Section 3007(a) of the Resource Conservation and Recovery Act, 42 U.S.C. § 6927(a), Regarding Generation and Management of Hazardous Waste by PPG Industries, Inc.  
EPA ID No. PAD987271848  
**Reference Number: C17-003**

Dear Mr. Felix:

The U.S. Environmental Protection Agency, Region III ("EPA") is requesting information to supplement the information obtained during its inspection of the PPG Industries, Inc. facility ("PPG" or "the facility") located in Monroeville, PA on May 17, 2016 (report narrative and photographic log enclosed). EPA is requesting this information pursuant to the authority granted to it under Section 3007(a) of the Resource Conservation and Recovery Act ("RCRA"), 42 U.S.C. § 6927(a), which provides in relevant part that "any person who generates, stores, treats, transports, disposes of, or otherwise handles or has handled hazardous wastes shall, upon request of any officer, employee or representative of the Environmental Protection Agency, duly designated by the Administrator, . . . furnish information relating to such wastes . . . ." EPA hereby requires that you furnish to EPA, within **twenty-one (21) calendar days** of receipt of this letter, the information requested below, including all documents responsive to such request.

For each and every request, if you have any reason to believe that there may be a person(s) who may be able to provide a more detailed or complete response to such request or provide additional responsive documents, then as a part of your response to such request, identify each such person and the additional information or documents which such person may be able to provide. Furthermore, for each and every response, if information or documents responsive to such request are not in your possession, custody or control, then as part of your response to such request, identify each person from whom such information or documents may be obtained.

Please provide a separate narrative response to each information request. Precede each answer with the number of the question or letter of the subpart of the request to which it

corresponds. A request for documents shall be construed as a request for any and all documents maintained by you or in your custody, control, or possession or in the possession, custody or control of any of your employees or agents, relating to the matters described below. All copies of documents submitted to EPA in response to the following requests must be complete and legible.

As used herein, the term "document" means: writings (handwritten, typed or otherwise produced or reproduced) and includes, but is not limited to, any invoices, checks, receipts, bills of lading, weight receipts, toll receipts, correspondence, offers, contracts, agreements, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, phonograph records, magnetic voice or video records, tapes, summaries, magnetic tapes, punch cards, recordings, discs, computer print outs, or other data compilations from which information can be obtained or translated.

All other terms used in this request for information that are defined in RCRA, 42 U.S.C. §§ 6901 *et seq.*, 40 C.F.R. Parts 260-266, 268, and 273 (1998 ed.), or 25 Pa. Code Chapters 260a-266a, 266b, and 268a (effective May 1, 1999) shall have the meanings set forth therein.

Please provide the information requested below:

#### Information Request

1. The facility's photochromic dye production process was described as generating spent solvent-containing waste streams after two different steps: i) when an aqueous wash is used to remove lithium salts from the reactor vessel, and ii) when the reactor vessels are cleaned out with a heptane wash. Please provide the following information regarding **each** of these two solvent-related waste streams:
  - a. A detailed schematic of the waste handling systems associated with each of the above streams, including sources of solvent-containing waste, equipment, piping, transfer mechanisms, and all tanks and containers involved in temporary or final collection/transfer/management of the waste stream.
  - b. A detailed description of all equipment included in each of the waste handling systems, including all pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, flanges or other connectors, closed-vent systems and control devices, as these terms may be defined in 40 C.F.R. § 264.1031.
  - c. State whether or not the facility had conducted an analysis to determine applicability of the Subpart BB regulations to this equipment, as described in 40 C.F.R. §§ 265.1063(d) and 265.13(b) at any time before the day of inspection.



- d. If an applicability determination, as described in 40 C.F.R. §§ 265.1063(d) and 265.13(b), had been made for this equipment at any time before the date of the inspection, state when such a determination(s) was made and the results of such determination(s). Please provide a copy of any and all documentation used to support such determination.
- e. A detailed list of any and all types and amounts of wastes entering the waste solvent-related handling systems up to the present time. Please include all EPA Hazardous Waste Code(s) (if applicable) and copies of all MSDS sheets relating to solvents used.
- f. Provide information/documentation that demonstrates whether or not those pieces of equipment listed in response to question 1b above are or are not exempt from the air emission standards for equipment leaks as specified in 40 C.F.R. § 265.1050.
- h. If the facility has determined that any piece of equipment is exempt, please provide the waste analysis plan, as specified in 40 C.F.R. § 265.1063(d), along with either the sample results or process knowledge documentation upon which the exemption is based.
- i. Please state whether or not each piece of equipment has been marked in such a manner that it can be distinguished readily from other pieces of equipment in accordance with 40 C.F.R. § 265.1050(c), regardless of whether the Facility is claiming an exemption for any piece of such equipment.
- j. Please state whether or not any or all of the equipment is "in light liquid service" or "in heavy liquid service," as defined in 40 C.F.R. § 264.1031. If so, please specify which pieces of equipment are in light liquid service or in heavy liquid service.
- k. Please state whether or not each piece of equipment has been inspected and monitored under a leak detection and repair (LDAR) program for the time period of November 2011 up to receipt of this letter.
- l. Please identify each piece of equipment which has been inspected and monitored under an LDAR program, and provide the time period for which each such piece of equipment has been part of an LDAR program.
- m. Please submit the facility's inspection and monitoring schedule for each piece of equipment covered by an LDAR program detailing how often each piece of equipment is visually inspected and/or monitored with an instrument.
- n. Please submit any and all LDAR program inspection and monitoring records/documentation for each piece of equipment for the time period of November 2011 up to receipt of this letter.

- o. Has the facility maintained those records required under 40 C.F.R. §§ 265.1064(b)(1), 265.1064(g) and 265.1064(h)? If so, please state the date on which the facility began maintaining such records and submit copies of any and all records required under 40 C.F.R. §§ 265.1064(b)(1), 265.1064(g) and 265.1064(h) for the time period of November 2011 up to receipt of this letter.
  - p. Do any other processes generate solvent-related waste at the facility? If so, please describe these processes and answer questions 1.a. through 1.o. above for each process
2. At the time of the inspection two 2.5gal plastic jugs were found on a shelf in Hazardous Waste Accumulation Area (HWAA) #3, each about half full of a red liquid (see Photograph 7 in enclosed inspection report). Regarding each of these two jugs, please provide the following:
- a. A description of its source
  - b. Its date(s) of generation
  - c. State whether a "waste determination" and "LDR determination" has been made for the material
  - d. If a "waste determination" and "LDR determination" has been made, state when such a determination(s) was made and the results of such determination(s)
  - e. If the material has been determined to be "hazardous waste," please state the specific EPA Hazardous Waste Code(s) associated with each such hazardous waste. If it has been determined not to be hazardous waste, explain the reasons for such determination.
  - f. State whether any hazardous waste determination made for such waste was based on the generator's knowledge of the process that generated the waste, or upon analytic results. If a determination was made on the basis of process knowledge, describe the scientific rationale for such a determination. If the determination was based on analytical results, describe the sampling procedures and provide copies of any and all such results.
  - g. Please state if the material has been shipped off-site and the date and method of such shipment(s). If it has not been shipped off-site, state its current location and explain why it has not been shipped off-site.
  - h. If the material was shipped off-site, provide copies of all bills of lading, manifests (including but not limited to hazardous waste manifests), shipping invoices, and LDR notices and certifications that accompanied and/or refer to each off-site shipment of this waste.



3. In HWAA #1, two spent aerosol cans were found. No photos were taken due to facility safety restrictions, but they are described in the enclosed report on page 9, 6th bullet. Also found just outside of the building for HWAA #1 was an unlabeled 55gal drum (Photo 12). Regarding each can and drum, please provide the following information:
- A description of its source
  - Its date(s) of generation
  - State whether a "waste determination" and "LDR determination" has been made for the material
  - If a "waste determination" and "LDR determination" has been made, state when such a determination(s) was made and the results of such determination(s)
  - If the material has been determined to be "hazardous waste," please state the specific EPA Hazardous Waste Code(s) associated with each such hazardous waste. If it has been determined not to be hazardous waste, explain the reasons for such determination.
  - State whether any hazardous waste determination made for such waste was based on the generator's knowledge of the process that generated the waste, or upon analytic results. If a determination was made on the basis of process knowledge, describe the scientific rationale for such a determination. If the determination was based on analytical results, describe the sampling procedures and provide copies of any and all such results.
  - Please state if the material has been shipped off-site and the date and method of such shipment(s). If it has not been shipped off-site, state its current location and explain why it has not been shipped off-site.
  - If the material was shipped off-site, provide copies of all bills of lading, manifests (including but not limited to hazardous waste manifests), shipping invoices, and LDR notices and certifications that accompanied and/or refer to each off-site shipment of this waste.
4. In HWAA #5, twelve 55gal drums were found on pallets, described as containing "mother liquor" but labeled only with a yellow piece of tape on the lid (Photos 16 & 17). For each of these drums, please provide the following:
- A description of its source
  - Its date(s) of generation
  - State whether a "waste determination" and "LDR determination" has been made for the material

- d. If a "waste determination" and "LDR determination" has been made, state when such a determination(s) was made and the results of such determination(s)
- e. If the material has been determined to be "hazardous waste," please state the specific EPA Hazardous Waste Code(s) associated with each such hazardous waste. If it has been determined not to be hazardous waste, explain the reasons for such determination.
- f. State whether any hazardous waste determination made for such waste was based on the generator's knowledge of the process that generated the waste, or upon analytic results. If a determination was made on the basis of process knowledge, describe the scientific rationale for such a determination. If the determination was based on analytical results, describe the sampling procedures and provide copies of any and all such results.
- g. Please state if the material has been shipped off-site and the date and method of such shipment(s). If it has not been shipped off-site, state its current location and explain why it has not been shipped off-site.
- h. If the material was shipped off-site, provide copies of all bills of lading, manifests (including but not limited to hazardous waste manifests), shipping invoices, and LDR notices and certifications that accompanied and/or refer to each off-site shipment of this waste.

The provisions of Section 3008 of RCRA, 42 U.S.C. § 6928, authorize EPA to pursue penalties for failure to comply with or respond adequately to an information request under Section 3007(a) of RCRA. In addition, providing false, fictitious, or fraudulent statements or representations may subject you to criminal penalties under 18 U.S.C. § 1001. The information you provide may be used by EPA in administrative, civil or criminal proceedings. **Your response must include the signed and dated certification found on the final page of this letter.**

With regard to the Small Business Regulatory Enforcement and Fairness Act ("SBREFA"), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your facility. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve your facility of its obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue an enforcement action. To preserve your facility's legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement actions. EPA has not made a determination as to whether or not your facility is covered by SBREFA.

Your facility is entitled to assert a claim of business confidentiality covering any part or

all of the information submitted, in a manner described in 40 C.F.R. § 2.203(b). Information subject to a claim of business confidentiality will be made available to the public only in accordance with 40 C.F.R. Part 2, Subpart B. Unless a claim of business confidentiality is asserted at the time the requested information is submitted, EPA may make this information available to the public without further notice to your facility.

This request for information is not subject to review by the Office of Management and Budget pursuant to the Paperwork Reduction Act, 44 U.S.C. §§ 3501-3520.

Please send your response to:

Martin Matlin (3LC70)  
U.S. Environmental Protection Agency  
Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

If you have any questions concerning this matter, please contact Mr. Matlin at (215) 814-5789.

Sincerely,



Carol Amend, Associate Director  
Land and Chemicals Division  
Office of Land Enforcement

Enclosures

cc: Martin Matlin (3LC70) w/o enc.  
Pauline Belgiovane (3LC70)

